

# 11Sep2010 Tri-Agency Mission Scientist Report - Chris Davis

Submitted by pjmeyer on Sat, 09/11/2010 - 11:52

Flight Date:

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Mission Synopsis for Sept. 11, 2010

The current system of interest is PGI44/AL92

NOAA/IFEX:

No flights planned today

The NOAA G-IV will takeoff Sunday 9/12 at 1730 UTC from Tampa, fly AL92 near environment and inner core and recover in St. Croix.

NOAA will fly one P-3 (N43) from Tampa, departing 20 UTC on Sunday, conduct a mission into AL92/PGI44 and land in St. Croix. That would be concurrent with the G-IV.

There would be a mission by the other P-3 (N42) into AL92, take off at 08 UTC Monday from Tampa, landing in St. Croix.

Further missions will occur Monday and Tuesday, with the same takeoff times, returning to St. Croix Monday, and returning to Tampa Tuesday.

NASA/GRIP:

NASA plans a DC-8 departure from Ft. Lauderdale at 18 UTC Sunday 12 Sept. to target AL92 in a 9-h flight, 5 h on-station. Landing will be back in Ft. Lauderdale. A follow-on mission into AL92 is possible on Monday, possibly one hour later. Another mission could follow on Tuesday.

The Global Hawk is planning a 25-hour flight into AL92 departing Sunday at 1130 UTC. There will be an estimated 5 h on-station.

NSF/PREDICT:

The G-V is flying today into AL92 and departed at 1515 UTC for a 6-hour mission into AL92. Another mission is planned for Sunday, takeoff 11 UTC, for a 5 hour flight into AL92. Another flight is planned for Monday morning with a similar takeoff time of 10-11 UTC. Additional flights beyond Monday will be considered over the next two days.

#### AIR FORCE:

On Sunday, the Air Force will fly a 1145Z AF C-130J invest tasked by NHC targeted at 15.5N 70.0W, by Teal 70 landing in St. Croix, on station around 1730 UTC. If the system is started as a depression or a T.S., there is a follow-on tasking for 0600Z and 1200Z fixes on 13 September by Teal 71.